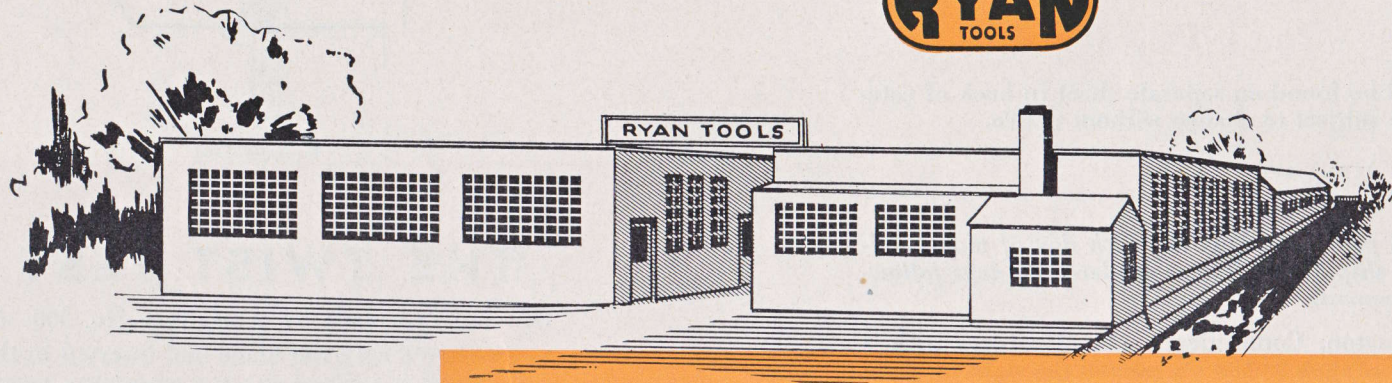


RYAN *Tools*

FORGED HAND TOOLS



THE JAMES J. RYAN TOOL WORKS • SOUTHLINGTON, CONN. U.S.A.



INTRODUCTION

More than a quarter of a century ago The James J. Ryan Tool Works was founded by Mr. James J. Ryan. His early years as an apprentice before becoming a master tool maker taught him always to see how good he could make a tool. So it follows naturally that this same high purpose to produce quality has built for The James J. Ryan Tool Works the enviable reputation for production of superior hand tools.

GOOD TOOLS are made from **GOOD STEEL** by **GOOD MECHANICS**.

A trip through the various departments of the Ryan factory is convincing of the genuine respect for quality. Only the finest grades of alloy and carbon steels are used. All Ryan tools are hot-forged and the most modern and efficient methods of automatic controlled heat treating are employed. Specially designed testing equipment and Rockwell machines are used in the inspection and tests; and a carefully supervised and modernized polishing department completes the process in the production of Ryan Quality Tools.

CATALOG No. 23

Ryan Prices

List prices will be found on separate sheet in back of catalog and will be subject to change without notice.

Ryan Terms

2% cash when paid preceding the 10th day of month following date of shipment. Due as rendered 30 days following date of shipment.

F. o. b. Southington, Connecticut. On all orders with a total value of less than \$10.00 we reserve the right to make a charge of 50c to compensate for handling expense.

Ryan Guarantee

We use only the highest grade materials and these combined with fine workmanship insure tools of unsurpassed appearance, durability and dependability. Should one of them prove defective return it to us, and if it does not show signs of abuse, we shall make prompt replacement to you or your customer, free of charge.

Ryan Branding

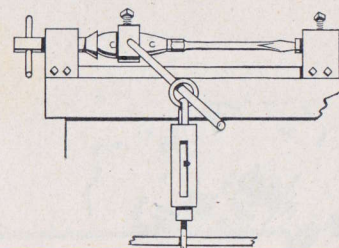
Every tool is stamped with our name.

Ryan Electros

and catalog insert pages will be furnished upon request.

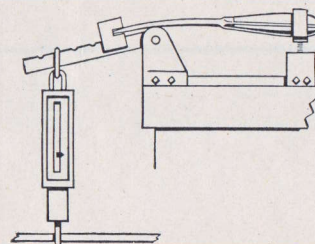
This catalog printed in U. S. A.

Represented by



THE TWIST TEST

This test was made by using Ryan No. 300—6" Screw Driver with the blade end inserted in the slot. Force is applied to a bar through a spring balance. The Screw Driver must not fail or show visual indication of weakness of any nature, such as splitting or breaking of the handle, twisting, distortion or breakage of any part of the tool.



THE BEND TEST

The same Ryan No. 300—6" Screw Driver is now subjected to the bend test. To successfully pass this test, the blade when released must straighten and still show no sign of bending or distortion. Ryan quality tools will pass the severest tests with flying colors.

Ryan quality tools are built to generously exceed the United States Federal Specifications pertaining to them.



SCREW DRIVER No. 300

The Perfect Model - A Ryan Original

This is the original Wrench Grip Perfect Handle Screw Driver. Heavy hexagon shape is forged in this driver to permit the application of a wrench for maximum leverage.* The screw driver is drop forged from a solid bar of high grade tool steel. Each one is made under exacting controlled manufacturing conditions and is 100% inspected and tested to meet all requirements for hardness, bending and twisting tests. The handle consists of two hard wood insets securely riveted to the forging which provide a perfectly proportioned and excellent grip handle. Handle beautifully finished; steel parts highly polished and points perfectly squared and accurately ground to fit standard screw slots.

* Of inestimable value in making the last turn on a large screw or starting a tightly fixed or rusted screw.

Packed six to a box.



Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	6"	1/4"	1/4"	3 1/2 lbs.
3	7	1/4	1/4	4
4	8 1/2	9/32	1/4	5
5	9 1/2	5/16	5/16	5 1/2
6	11 1/4	3/8	3/8	8
8	13 1/4	3/8	3/8	8 1/2
10	16 1/2	7/16	7/16	12
12	18 1/2	7/16	7/16	12 1/2



No. 290 *Perfect Grip* SCREW DRIVER

is forged from a solid bar of high grade tool steel. Hard wood insets securely riveted to the forging give this Screw Driver the PERFECT GRIP handle. The butt-end of this one piece forging is strong enough to protect the handle if it is hammered. Each PERFECT GRIP Screw Driver is 100% inspected, hardened and tempered and will surpass in every test United States Government specifications. The handle is finished in high gloss with a durable lacquer to harmonize with the highly polished steel parts. Points are perfectly squared and accurately ground to prevent slipping in screw-slots.

Every Tool is Stamped "Ryan Tools."

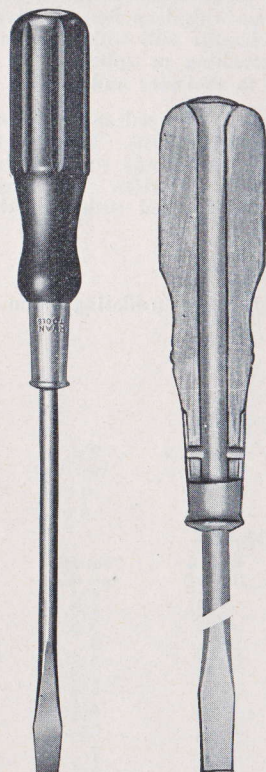
Packed six to a box.



Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	5 $\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	3 lbs.
3	6 $\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	3 $\frac{1}{4}$
4	8 $\frac{1}{4}$	9/32	5/16	4 $\frac{1}{4}$
5	9 $\frac{1}{4}$	5/16	5/16	4 $\frac{1}{2}$
6	11	$\frac{3}{8}$	$\frac{3}{8}$	7 $\frac{1}{2}$
8	13	$\frac{3}{8}$	$\frac{3}{8}$	8 $\frac{1}{4}$
10	15 $\frac{1}{4}$	7/16	7/16	11
12	17	7/16	7/16	12 $\frac{1}{4}$



SCREW DRIVER No. 129



Special analysis tool steel is used to give the No. 129 Screw Driver exceptional strength and durability. Head, shank, and blade are *hot-forged in one piece*, as shown in cross-section illustration. This extra strength protects the head against abuse from hammering and also enables the shank and blade to withstand severe prying strain.

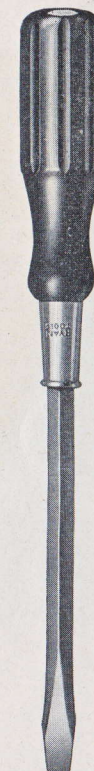
Black rubberoid handle is good full-sized with deep grooves to afford a strong grip. Riveted through ferrule, handle and blade making this a strong, long lasting screw driver. Points are accurately ground and perfectly squared to prevent slipping in screw-slots. Finished driver is highly polished.

Packed six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	6 $\frac{3}{4}$ "	7/32"	7/32"	2 lbs.
3	7 $\frac{3}{4}$	7/32	7/32	2 $\frac{1}{4}$
4	9 $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	3
5	10 $\frac{1}{4}$	5/16	5/16	4 $\frac{1}{2}$
6	12	5/16	5/16	5
8	15 $\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	8 $\frac{1}{2}$
10	17 $\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	9 $\frac{1}{4}$
12	19 $\frac{1}{4}$	$\frac{3}{8}$	7/16	10



SCREW DRIVER No. 133



A super quality Ryan Screw Driver for all purpose use which has the extra feature of the Wrench Grip on the square shank. The hot-forged tool steel blade extends through to the end of the handle to form a heavy hexagon head. This Driver is all one piece and *no cap* is used.

Entire blade is hardened, tempered and is riveted through the ferrule, handle and blade to give a solid *twist proof* Screw Driver. The black rubberoid handle is a good, full size with deep grooves to afford a powerful grip. Steel parts are highly polished.

Packed six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
3"	7 $\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	2 $\frac{1}{2}$ lbs.
4	9 $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	3 $\frac{1}{2}$
5	10 $\frac{1}{4}$	5/16	5/16	4 $\frac{1}{2}$
6	12	5/16	5/16	5 $\frac{3}{4}$
8	15 $\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	10
10	17 $\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	10 $\frac{1}{2}$
12	19 $\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	11



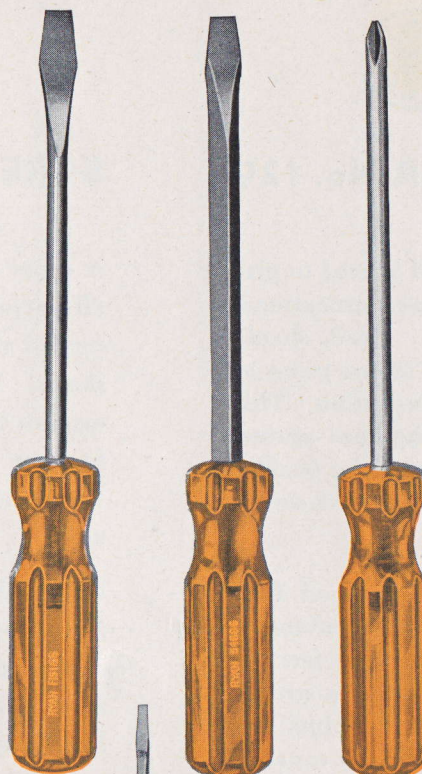
No. 53 ASSORTMENT OF LIFETIME SCREW DRIVERS

A carefully selected assortment of 53 of the most popular types and sizes on an attractive plywood display stand. A chart with resale price is attached to the back of each stand. This assortment contains:

1 PH6	2 C3162	1 R5168
4 PH4	4 C3164	2 S144
2 PH3	2 C3166	2 S5166
2 R142	2 C3168	1 S388
2 R144	6 B183	2 R3810
3 R146	6 B182	2 R388
2 R148	1 R5164	
2 S141	2 R5166	

Packed in corrugated carton. Shipping weight 15 lbs.

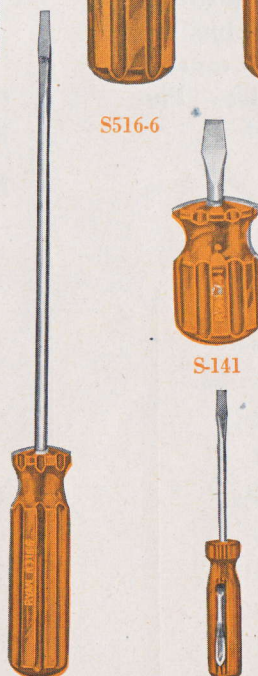
Size of display filled 14½" long x 6½" wide x 16" deep.



R516-6

S516-6

PH-6



C316-6

B-18

THE LIFETIME SCREW DRIVER

The handle is made of strong, tough composition in clear amber color. It is a good full size with deep flutes to give a strong, comfortable grip. The handle will withstand hammer blows without crushing, cracking or splitting. It is shockproof* and non-absorbent to moisture and oils.

Special alloy tool steel blades are hot-forged and tempered to withstand rigid bending and twisting tests. These smart, clean cut, well shaped blades have uniformly square points accurately ground to fit standard screw-slots. The Screw Driver is beautifully polished and finished with a coating of rust preventive.

Packed six of a size to a box.

* Each 1/1000 thickness of amber has insulating value of 100 volts.

POCKET TYPE

No.	Blade (Inches)	Diameter (Inches)	Overall (Inches)	Wgt. lbs. (per doz.)
B18	2	1/8	4	6 oz.
B18	3	1/8	5	6 oz.

ROUND BLADE

No.	Blade (Inches)	Diameter (Inches)	Overall (Inches)	Wgt. lbs. (per doz.)
R14	2	1/4	5 3/4	1 3/4
	4	1/4	7 3/4	2 1/4
	6	1/4	9 7/8	3
	8	1/4	11 7/8	3 1/4
R516	4	5/16	7 7/8	3 1/4
	6	5/16	10 1/2	4 1/2
	8	5/16	12 1/2	5
R38	8	3/8	13 1/4	7
	10	3/8	15 1/4	7 5/8

STUBBY

No.	Blade (Inches)	Diameter (Inches)	Overall (Inches)	Wgt. lbs. (per doz.)
S141	1	1/4	3	1-7/16

CABINET TYPE

No.	Blade (Inches)	Diameter (Inches)	Overall (Inches)	Wgt. lbs. (per doz.)
C316	2	3/16	5 1/4	1 3/8
	4	3/16	7 1/4	1 1/2
	6	3/16	9 1/4	1 3/4
	8	3/16	11 1/4	2

SQUARE BLADE

No.	Blade (Inches)	Diameter (Inches)	Overall (Inches)	Wgt. lbs. (per doz.)
S14	4	1/4	7 7/8	2 7/8
S516	6	5/16	10 1/2	5
S38	8	3/8	13 1/4	7 3/4

PHILLIPS

No.	Blade (Inches)	Diameter (Inches)	Overall (Inches)	Wgt. lbs. (per doz.)
PH3	3	3/16	5	7/16
PH4	4	1/4	7 1/2	2 1/4
PH6	6	5/16	9 7/8	3 3/4



SUPER *Wrench Grip* SCREW DRIVER

The finest, sturdiest, best looking amber handle Screw Driver on the market . . . with an exclusive RYAN feature—The WRENCH GRIP! It is made strong and husky for long wear and hard use.

Here are some of the features of this outstanding Screw Driver: Hot-forged blades of fine alloy tool steel . . . large size hexagon shoulder—note particularly the long flats and square corners where a wrench can grip tightly without slipping . . . hardened and tempered blades that will withstand the most rigid bending and twisting strain. They are finished with an oil polish which is as smooth and brilliant as nickel plate and a coating of rust preventive insures against tarnish or rust. Blades are guaranteed not to loosen in the handle.

The handles are famous for their toughness, strength, and resistance to electric current.* Each blade is equipped with extra large size handle but not without thought as to balance. Each tool is perfectly balanced. It has the perfect “fit and feel” that is known to every mechanic. The many deep flutes insure the advantage of a strong and substantial grip. The bright, transparent amber presents an appearance of beauty that cannot be overlooked.

Packed six to a box. Also in attractive display as illustrated.

* Each 1/1000 thickness of amber has insulating value of 100 volts.

No.	Blade (In.)	Dia. (In.)	Overall (In.)	Wgt. lbs. (1 doz.)
H5164	4	5/16	8 3/4	4 1/4
H5165	5	5/16	9 3/4	4 1/2
H386	6	3/8	11 1/2	6 1/2
H388	8	3/8	14 1/4	7 1/2
H3810	10	3/8	16 1/2	8 3/4

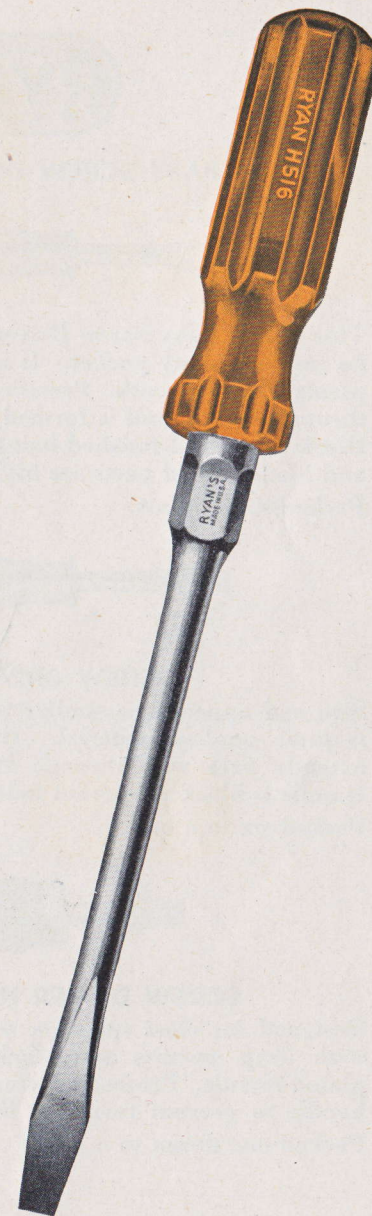
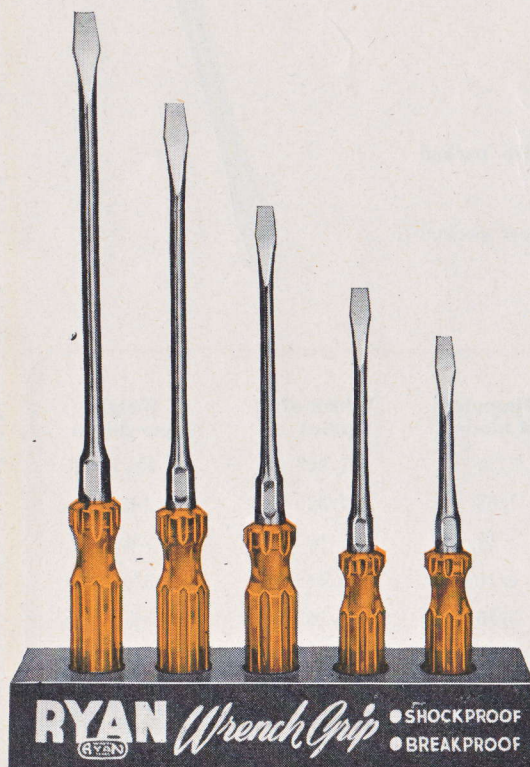
SUPER *Wrench Grip* ASSORTMENT No. 5

Consists of one each of the following screw drivers:
H516-4 H516-5 H38-6 H38-8 H38-10"

In this attractive display these outstanding Wrench Grip Screw Drivers present real sales appeal that mechanics, craftsmen, or lovers of good tools can't resist. The display stand is handsomely finished in bright lacquer with eye-appealing lettering and occupies just a small space.

Size of filled display 4" wide by 12 1/2" long by 17 1/2" high.

Shipping weight 4 1/2 lbs. each.





BABY SCREW DRIVER No. 100

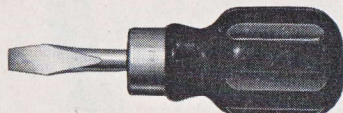


This handy Baby Screw Driver, only four inches long, can be carried in any pocket. It is ruggedly constructed to do plenty of heavy work. Precision heat treated blade extends through handle and is formed into a heavy hexagon head. Black rubberoid finished handle is riveted through ferrule and blade. Steel parts are highly polished. Packed six to a box.



SCREW DRIVER No. 110

Size and appearance similar to No. 100 Driver above and is same quality material. Heat treated, polished blade extends part way through handle where it is pinned. Handle is black rubberoid finished. Packed six to a box.



SCREW DRIVER No. 611 "STUBBY"

Designed for close quarters with the short husky handle, with deep grooves and black rubberoid finish. Nickel plated ferrule. Projecting wings on blade are embedded in handle to prevent turning. Blades are heat treated. Packed one dozen to a box.

S.D.No.	Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
100	1½"	4"	7/32"	7/32"	1½ lbs.
110	1½"	4	7/32	7/32	1
611	1½"	3¾	¼	¼	1

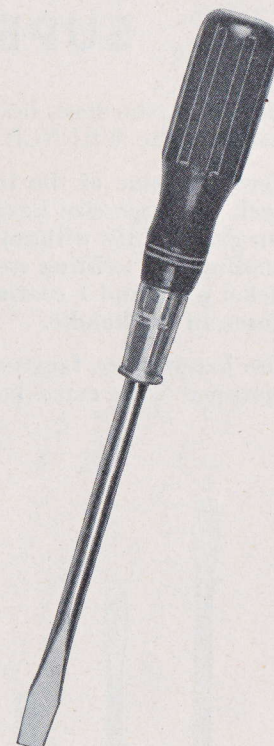


SCREW DRIVER No. 1000

An exceptionally strong Screw Driver at a low price. In this tool we maintain the same high quality that you find in our higher priced numbers; high grade materials and good full standard size handles, ferrules and blades. A pair of wings projecting from the blade prevent its turning in the handle. Rolled impression in ferrule prevents its loosening. Glossy black finish handle. All metal parts are brightly finished.

Sizes to six inches inclusive packed one dozen to a box.

Sizes eight inches and longer packed six to a box.



Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	5⅞"	7/32"	7/32"	1½ lbs.
3	6⅞	7/32	7/32	1¾
4	8¾	¼	¼	2⅜
5	9¾	5/16	5/16	3⅜
6	11½	5/16	5/16	3⅝
8	13⅞	¾	¾	6⅞
10	15⅞	¾	¾	7⅞
12	17⅞	¾	¾	7¾



SCREW DRIVER No. 145 *Heavy Duty*

A rugged, dependable outstanding Screw Driver for No. 12 screws and larger sizes. Head, shank and blade are hot-forged in one piece and the blade and handle are riveted through the steel ferrule. The black rubberoid finished handle is deep grooved to offer a strong, powerful grip. The blade is hardened and tempered its entire length. Points are accurately ground to fit standard screw slots. Screw Driver is high-polish finished throughout.

Another valuable feature is the Wrench Grip in the square blade. Packed six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
1 $\frac{3}{4}$ "	6 $\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	5 $\frac{1}{2}$ lbs.
5	10 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	11

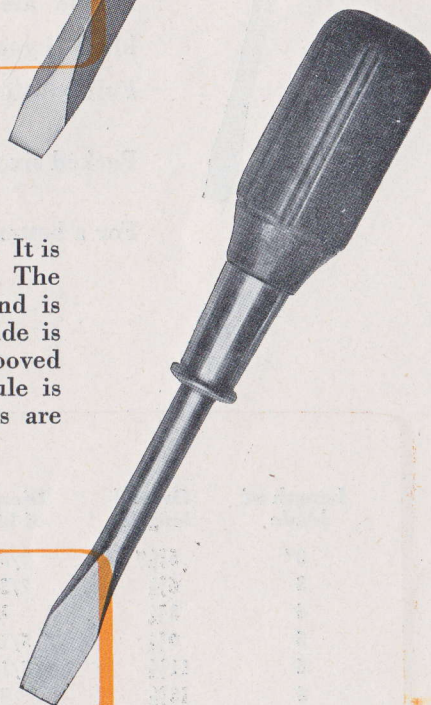


SCREW DRIVER No. 149 *Heavy Duty*

This Screw Driver is made for heavy work on large size screws. It is indispensable for industrial use and on heavy equipment. The high grade tool steel blade extends through the handle and is anchored at the end with a heavy hexagon head. The blade is heat treated the entire length and fitted with a deep grooved handle finished in black rubberoid. The heavy steel ferrule is securely pinned through handle and blade. All steel parts are highly polished.

Packed six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
1 $\frac{3}{4}$ "	5 $\frac{1}{2}$ "	5/16"	$\frac{3}{8}$ "	2 $\frac{5}{8}$ lbs.
2 $\frac{1}{2}$	7 $\frac{1}{4}$	7/16	7/16	6 $\frac{3}{4}$
3 $\frac{1}{2}$	8 $\frac{1}{4}$	7/16	7/16	7 $\frac{3}{4}$
4 $\frac{1}{2}$	9 $\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	9





SCREW DRIVER No. 900

A general utility Screw Driver of good practical use for farmers, electricians and carpenters. High quality tool steel blade is uniformly hardened and tempered its entire length. Black rubberoid finished handle has deep flutes for easy, firm grip. Blade and handle are pinned through ferrule. The blade is guaranteed *not* to turn in the handle. Full polish on all steel parts.

Packed six to a box.

For a better buy—buy Ryan Tools.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	5 ⁷ / ₈ "	7/32"	7/32"	1 ¹ / ₂ lbs.
3	6 ⁷ / ₈	7/32	7/32	1 ³ / ₄
4	8 ³ / ₄	1/4	1/4	2 ³ / ₈
5	9 ³ / ₄	5/16	5/16	3 ³ / ₈
6	11 ¹ / ₂	5/16	5/16	3 ⁵ / ₈
8	13 ⁷ / ₈	3/8	3/8	6 ¹ / ₈
10	15 ⁷ / ₈	3/8	3/8	7 ¹ / ₈
12	17 ⁷ / ₈	3/8	3/8	7 ³ / ₄
15	20 ⁷ / ₈	3/8	3/8	9 ¹ / ₄



SCREW DRIVER No. 500

Cabinet Type

The long slender blade with parallel sides the same width as the diameter of the stock is designed to drive countersunk screws. This cabinet type Screw Driver is made of a special analysis silicon, chrome steel that is extremely strong and tough. The entire blade is precision heat treated, and is fitted with a fine black rubberoid finished handle. Blade and handle are pinned through the ferrule to prevent the twisting of the blade in the handle. Polished finish throughout.

Packed six to a box.



Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2 ¹ / ₂ "	6 ¹ / ₂ "	7/32"	7/32"	1 ¹ / ₂ lbs.
3 ¹ / ₂	7 ¹ / ₂	7/32	7/32	1 ³ / ₄
4 ¹ / ₂	8 ¹ / ₂	7/32	7/32	1 ⁷ / ₈
5 ¹ / ₂	9 ¹ / ₂	7/32	7/32	2 ¹ / ₄
6 ¹ / ₂	10 ¹ / ₂	7/32	7/32	2 ³ / ₈
8 ¹ / ₂	12 ¹ / ₂	7/32	7/32	2 ¹ / ₂
10 ¹ / ₂	14 ¹ / ₂	7/32	7/32	2 ⁵ / ₈
12 ¹ / ₂	16 ¹ / ₂	7/32	7/32	3 ¹ / ₄



SCREW DRIVER No. 130

A Screw Driver that will find a welcome in any tool kit. With it the toughest jobs can be handled . . . as a wrench can be applied to its heavy square shank whenever extra leverage is required. The high grade tool steel blade is precision hardened and tempered its entire length. The blade is inserted deep in the handle to relieve the strain and possible fracture of the handle under severe service conditions. The handle and blade are securely riveted through the heavy steel ferrule. The handle is glossy black finished and the ferrule and blade are bright finished.

Packed six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
5"	9 ³ / ₄ "	5/16"	5/16"	3 ³ / ₄ lbs.
6	11 ¹ / ₂	5/16	5/16	4 ³ / ₈
8	14	3/8	3/8	6 ³ / ₄
10	16	3/8	3/8	8

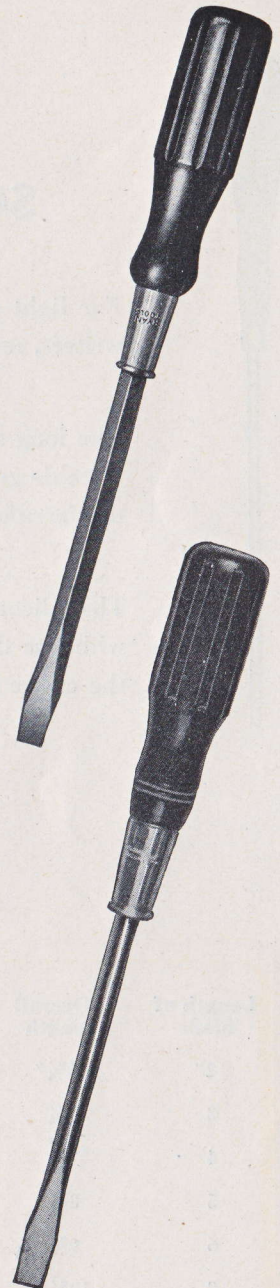


SCREW DRIVER No. 1121a

Made to conform with Government specifications. Blades are hardened and tempered the entire length. Points are ground uniformly and to the thickness specified. The hard wood handles are finished in glossy black. This Screw Driver is riveted through ferrule, handle and blade. It is brightly finished throughout.

Packed, up to 6" inclusive, twelve to a box; 8" and longer, six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
3"	6 ⁷ / ₈ "	1/4"	3/16"	1 ³ / ₄ lbs.
4	8 ³ / ₄	1/4	1/4	2 ¹ / ₄
6	11 ¹ / ₂	5/16	5/16	3 ⁵ / ₈
8	14	3/8	3/8	6 ¹ / ₈
10	16	3/8	3/8	7
12	18	3/8	7/16	7 ¹ / ₂





SCREW DRIVER No. 20

For light work, such as electrical equipment, radio, typewriters, sewing machines, etc.

The long slender handle is shaped to provide a most comfortable grip. The finish is beautiful glossy mahogany and the ferrule is nickel plated.

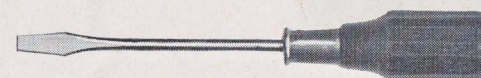
The silicon chrome steel blade has parallel sides the same width as the stock. The blade is hardened and tempered the entire length.

Packed six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	5 $\frac{3}{4}$ "	5/32"	5/32"	$\frac{1}{2}$ lb.
3	6 $\frac{3}{4}$	5/32	5/32	$\frac{1}{2}$
4	7 $\frac{3}{4}$	5/32	5/32	$\frac{1}{2}$
5	8 $\frac{3}{4}$	5/32	5/32	$\frac{1}{2}$
6	9 $\frac{3}{4}$	5/32	5/32	$\frac{5}{8}$
8	10 $\frac{3}{4}$	5/32	5/32	$\frac{3}{4}$
10	12 $\frac{3}{4}$	5/32	5/32	$\frac{7}{8}$



SCREW DRIVER No. 23



Designed for those lighter jobs with all the care and expert workmanship that goes into every RYAN Screw Driver. The black rubberoid finished handle is short, yet designed to afford the most comfortable grip. The blade is made of special analysis tool steel and precision heat treated. The blade is securely fastened in the handle by a pair of projecting wings and the ferrule has rolled impression which prevents its loosening. The points are accurately ground to fit standard screw-slots. The Screw Driver finish is highly polished.

Packed six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	4 $\frac{5}{8}$ "	3/16"	3/16"	$\frac{7}{8}$ lb.
3	5 $\frac{5}{8}$	3/16	3/16	1
4	6 $\frac{5}{8}$	3/16	3/16	1 $\frac{1}{8}$
5	7 $\frac{5}{8}$	3/16	3/16	1 $\frac{1}{4}$
6	8 $\frac{5}{8}$	3/16	3/16	1 $\frac{3}{8}$

PHILLIPS SCREW DRIVERS No. 711

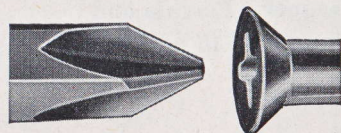
SCREW DRIVERS WITH GENUINE PHILLIPS BLADES

You can have this complete set of sizes of Phillips Screw Drivers with either alloy or carbon steel blades; alloy blades fitted with plastic handles; carbon blades with wood handles.

No. 711-A The alloy blade is recommended for industrial and heavy duty operations, also for driving sheet metal screws. Plastic handles are super-strength, indestructible.

No. 711-C The carbon blade will be found very satisfactory for household and occasional use. Blades are hardened, tempered and anchored in the handle by a pair of projecting wings. The handles are hard maple with deep cut grooves and transparent lacquer finish. The Screw Driver is polished throughout.

Specify "A" or "C" when ordering.



Screw Driver number	Length of blade	Overall length	Diameter of blade	Point size number	Fits Phillips screws	Weight per dozen
711 Stubby	1½"	3¾"	¼"	2	5 to 9	1⅛ lbs.
711-1	3	7¼"	3/16	1	4 and smaller	1¼
711-2	4	8¾"	¼	2	5 to 9	2
711-3	6	11¼"	5/16	3	10 to 16	3⅝
711-4	8	14½"	¾	4	18 and larger	6



SCREW DRIVER

ASSORTMENT No. 15

This assortment consists of four of each size; 1½", 2¼", and 3" blade Screw Drivers mounted on an attractive orange color display card. This display stands rigidly, takes but little space and may be used to advantage on the counter, in a window, or even attached to a wall.

These are the handy Screw Drivers for light work and any one of the sizes can conveniently be carried in a pocket. The steel blades are brightly finished, precision heat treated, and securely fitted with nickel plated ferrules. The wood handles are oak finished.

Packed one dozen assorted sizes on display card (weight 8 ozs.), or one dozen each size in a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
1½"	3¾"	⅛"	⅛"	4 ounces
2¼"	4⅛"	⅛"	⅛"	5
3	4⅞"	⅛"	⅛"	6

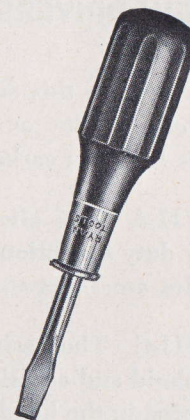


SCREW DRIVER No. 125

This low priced, little Screw Driver is an excellent value and very handy. It can be used in close quarters and performs the work of a longer, heavy duty Screw Driver. The tempered steel blade is securely fastened in the handle by a pair of projecting wings and the ferrule is attached so that it will not loosen. The ferrule and blade are brightly finished and the handle is black rubberoid finished.

Packed six to a box.

Overall length 4"; diameter of steel $\frac{7}{32}$ "; size of blade $1\frac{1}{2}$ "; width of point $\frac{7}{32}$ ". Weight 1 lb. per dozen.



SCREW DRIVER No. 887

This low priced Screw Driver will meet the requirements of the householder and the handy man by giving long and dependable service. High quality tool steel blades are uniformly hardened and tempered throughout. Projecting wings on the blade prevent its turning in the handle. The handle is cut with deep grooves for a firm grip and finished with transparent lacquer. Ferrule and blade are bright finished. Points are accurately ground to uniform thickness so as not to slip or skid in screw-slot.

Packed one dozen to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
2"	$5\frac{1}{4}$ "	$\frac{3}{16}$ "	$\frac{3}{16}$ "	1 lb.
3	$7\frac{1}{4}$	$\frac{3}{16}$	$\frac{3}{16}$	$1\frac{1}{2}$
4	$8\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	2
5	$9\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$2\frac{3}{8}$
6	$10\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$2\frac{1}{2}$
8	13	$\frac{5}{16}$	$\frac{5}{16}$	$4\frac{1}{8}$
10	15	$\frac{5}{16}$	$\frac{5}{16}$	$4\frac{7}{8}$





SCREW DRIVER No. 21



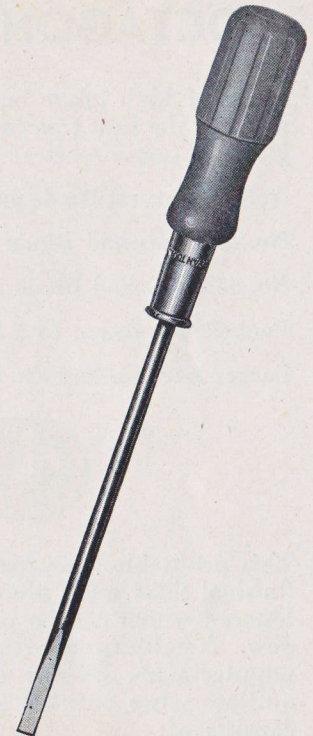
This husky, well made, well balanced and reasonably priced Driver is the one the "Automotive People" prefer. The blade is made of our best grade of square Screw Driver steel which is hardened and tempered its entire length, and fitted with a heavy steel ferrule. The finish of the shank is natural, and the blade is polished. The easy grip handle has full size deep grooves and is finished with clear lacquer.

Packed one dozen to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
5"	10"	5/16"	5/16"	3¾ lbs.



SCREW DRIVER No. 71



For electrical and cabinet work. The blade has parallel sides to permit following-up counter-sunk screws, and is rigidly held in the handle by a pair of projecting wings. The blade is made of silicon chrome analysis steel and is heat treated its entire length to withstand maximum twisting and bending load. Screw Driver is fitted with a ferrule that will not loosen. Blade and ferrule are bright polish finished. The hardwood handle has deep cut grooves for a firm grip and is finished in glossy transparent lacquer.

Packed up to 6" inclusive, twelve to a box; 8" and longer, six to a box.

Length of blade	Overall length	Diameter of blade	Width of point	Weight per dozen
3"	7¼"	3/16"	3/16"	1¼ lbs.
4	8¼"	3/16	3/16	1¾
5	9¼"	3/16	3/16	1½
6	10¼"	3/16	3/16	1¾
8	12¼"	3/16	3/16	1¾
10	14¼"	3/16	3/16	2



OCTAGON COLD CHISELS

Made of high grade octagon tool steel, with special care given to the heat treating. Bevels are accurately ground to give maximum service. Furnished in three finishes:

No. 450 natural Blade and Shank.

No. 452 polished Blade and Head with natural Shank.

No. 454 polished Blade and Head with cadmium Shank.

Packed one dozen to a box up to $\frac{3}{4}$ " inclusive.

Larger sizes packed six to a box.

Cutting Edge	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1"
Body Diameter	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$ "
Overall Length	$4\frac{1}{2}$	5	5	5	$5\frac{1}{2}$	6	7	$7\frac{1}{2}$	8"
Weight per dozen	13 oz.	$1\frac{1}{2}$ lb.	$1\frac{1}{2}$	$2\frac{1}{4}$	$2\frac{3}{4}$	4	7	$10\frac{1}{2}$	$16\frac{1}{2}$ "



Profitable

COLD CHISEL ASSORTMENT No. 30

This profitable Assortment No. 30 consists of handsomely finished solid wood block display attractively painted and lettered which can be placed on counter, shelf or in window. It holds twenty-four selected Cold Chisels of the most popular sizes. Handy chart attached to back of display outlines setup position and retail price each. Assortment consists of: one $\frac{7}{8}$ "; two $\frac{3}{4}$ "; five $\frac{5}{8}$ "; four $\frac{1}{2}$ "; four $\frac{7}{16}$ "; four $\frac{3}{8}$ "; two $\frac{5}{16}$ "; two $\frac{1}{4}$ ".

This display is available with the following quantities of No. 452 Cold Chisels.

$\frac{1}{4}$ dozen $\frac{1}{4}$ "

1 dozen $\frac{5}{16}$ "

1 dozen $\frac{3}{8}$ "

1 dozen $\frac{7}{16}$ "

1 dozen $\frac{1}{2}$ "

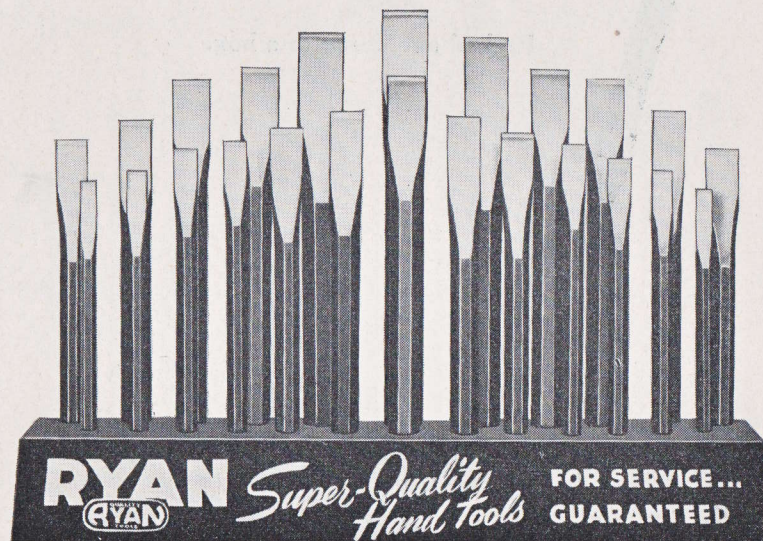
1 dozen $\frac{5}{8}$ "

$\frac{1}{2}$ dozen $\frac{3}{4}$ "

$\frac{1}{4}$ dozen $\frac{7}{8}$ "

All packed in carton container with stock packed one dozen and one-half dozen chisels to the box for shelf or bin stock.

Weight per deal 25 lbs.





Extra Long

COLD CHISELS

Superior Quality
Hammer Forged
Accurately Ground
and Hardened



Diameter of steel	1/2"	5/8"	3/4"	7/8"	1"
Overall length	12	12	12	12	12
	15	15	15	15	15
	18	18	18	18	18
	24	24	24	24	24
Packed	Six	Six	Six	Three	Three

No. 450 Furnished in natural finish only.



CHISEL AND PUNCH SETS

A fine assortment of tools, securely fastened by a strong metal band with attractive name plate. Each tool is made of high quality octagon steel. They are hammer forged and are oil tempered to withstand hard usage.

No. 700 set consists of—

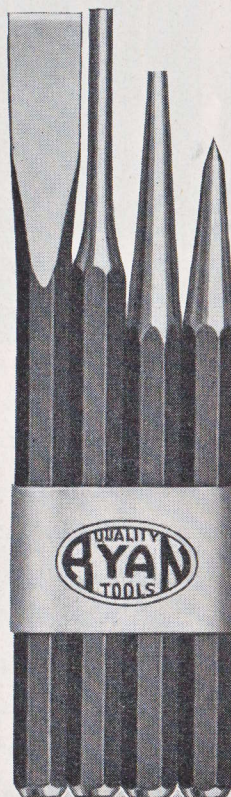
one Cold Chisel	1/2" x 5/8" x 6"
one Solid Punch	1/2" x 3/16" x 6"
one Cold Chisel	3/8" x 7/16" x 5"
one Pin Punch	3/8" x 3/16" x 5"
one Center Punch	3/8" x 4"

No. 700 Natural Finish.

No. 700P Polish Finish.

Weight per set 1 lb.

Packed six sets to a box.



No. 802P

No. 802 set consists of—

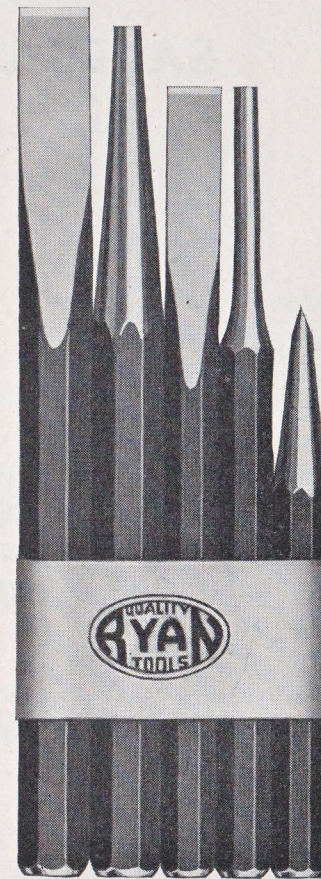
one Cold Chisel	3/8" x 7/16" x 5"
one Pin Punch	3/8" x 3/16" x 5"
one Solid Punch	3/8" x 1/8" x 4 1/2"
one Center Punch	3/8" x 4"

No. 802 Natural Finish.

No. 802P Polish Finish.

Weight per set 3/4 lb.

Packed six sets to a box.



No. 700P



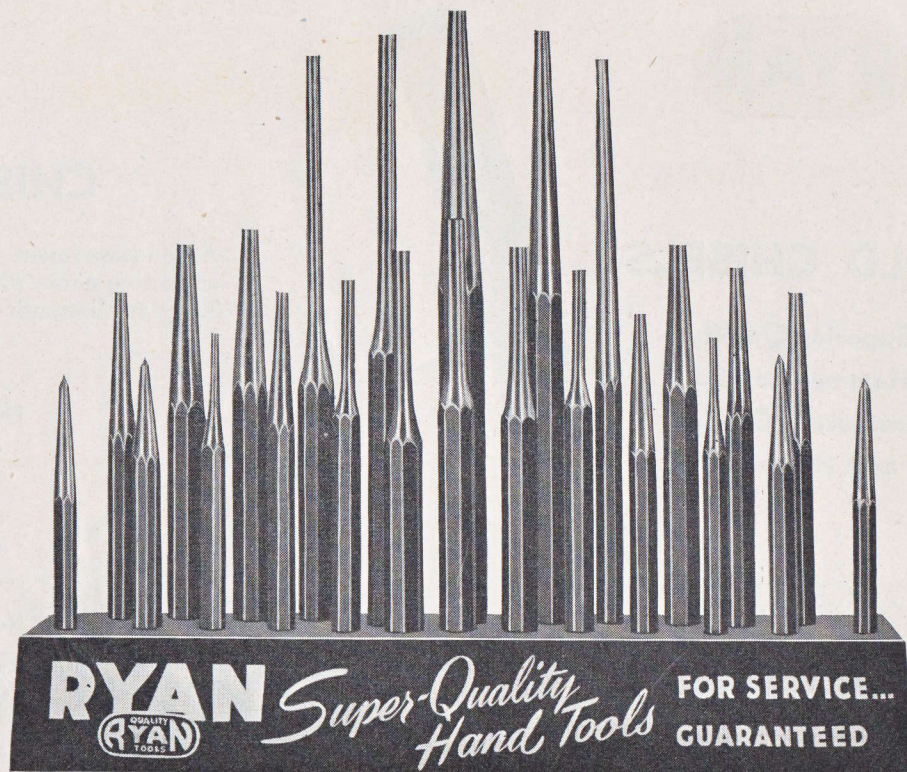
SALES UNIT No. 24

A well-designed, practical display occupying small space which not only shows but also permits a selection of tools from this complete assortment of OCTAGON, CENTER PUNCHES, SOLID PUNCHES, PIN PUNCHES, LONG TAPER PUNCHES, and EXTRA LONG PIN PUNCHES.

This display provides space for twenty-four tools. It is well finished and neatly lettered in attractive colors.

Size of display stand: 12" x 3½" x 1½".

Weight 6¼ lbs.



No. 24 Assortment consists of—

one Long Taper Punch	5/8" x 1/4" x 9"	one Long Pin Punch	1/2" x 3/16" x 9"
one Long Taper Punch	1/2" x 3/16" x 9"	one Long Pin Punch	1/2" x 1/4" x 9"
one Long Taper Punch	3/8" x 5/32" x 9"	three Solid Punches	1/2" x 1/4" x 6"
two Pin Punches	5/16" x 1/8" x 4½"	three Solid Punches	3/8" x 5/32" x 5"
two Pin Punches	3/8" x 3/16" x 5"	two Solid Punches	3/8" x 1/8" x 4½"
two Pin Punches	1/2" x 1/4" x 6"	two Center Punches	3/8" x 4½"
one Pin Punch	1/2" x 5/16" x 6"	two Center Punches	5/16" x 4"



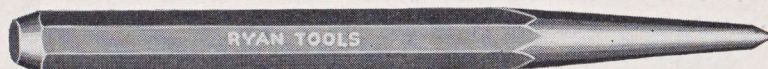
Quality PUNCHES

Outstanding value is easily recognized in Ryan hammer-drawn Punches. Made of high grade octagon tool steel with points and tapers precision ground and accurately heat treated to give satisfactory long service.

OCTAGON CENTER PUNCHES

Hammer forged from the finest tool steel and carefully hardened and tempered.

No. 620 natural finish. No. 621 polished Taper, Head, and natural Shank. No. 622 Cadmium finish with polished Taper and Head.



Point size	A	B	C	D	E
Body diameter	1/4	5/16	3/8	7/16	1/2"
Overall length	4	4	4 1/2	5	5 1/2"
Weight per dozen	3/4	1	1 1/2	2	3 1/2 lb.
Packed, dozen	1	1	1	1	1

LONG TAPER PUNCHES

High quality Octagon tool steel, properly hardened and tempered.

No. 668 Natural finish throughout.

670 Polished taper and head.

672 Cadmium with polished taper and head.

Point size	C	D	E	F	G	H
Point diameter	1/8	5/32	3/16	7/32	1/4	5/16"
Stock diameter	5/16	3/8	1/2	1/2	5/8	3/4"
Length of taper	5	5	5	5	5	6"
Overall length	9	9	9	9	9	12"
Weight per dozen	2	2 3/4	3 3/8	4	7 3/4	10 3/4 lbs.
Packed, dozen	1	1	1	1	1 1/2	1 1/2

OCTAGON SOLID PUNCHES

Made of fine tool steel, hardened and tempered.

No. 615 natural finish throughout.

No. 616 polished Taper and Head.

No. 617 Cadmium finish with polished taper and head.

Packed one dozen to a box.

Point size	B	C	D	E	F	G	H	I
Point diameter	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8"
Stock diameter	5/16	3/8	3/8	1/2	1/2	1/2	1/2	1/2"
Overall length	4	5	5	6	6	6	6	6"
Weight per dozen	1	1 5/8	1 3/4	3 1/4	3 3/8	3 1/2	3 3/8	4 1/8 lbs.





OCTAGON PRICK PUNCHES

Made of high grade tool steel, and tapered to a fine point.

Thoroughly hardened and tempered.

No. 625 natural finish. No. 626 polished Taper and Head, natural Shank.

No. 627 Cadmium finish with polished Taper and Head.



Body diameter	5/16"	3/8"
Overall length	4"	5"
Weight per dozen	1 lb.	1 5/8 lb.
Packed, dozen	1	1

OCTAGON PIN PUNCHES

Made of high grade tool steel and carefully tempered.

No. 610 natural finish. No. 611 polished taper and head, natural shank. No. 612 Cadmium finish with polished taper and head.

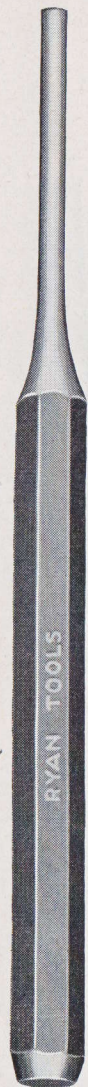
Point size	A	B	C	D	E	F	G	H	I
Point diameter	1/16	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8"
Body diameter	1/4	5/16	5/16	5/16	3/8	1/2	1/2	1/2	1/2"
Overall length	4	4 1/2	4 1/2	4 1/2	5	6	6	6	6"
Weight per doz.	12 oz.	1 lb.	1 lb.	1 1/4	1 5/8	3	3	3 1/4	3 1/2
Packed, dozen	1	1	1	1	1	1	1	1	1

EXTRA LONG PIN PUNCHES

Very handy for automobile repair work. Made of high quality octagon tool steel, properly hardened and tempered.

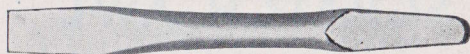
No. 668 natural finish. No. 670 polished taper and head, with natural shank. No. 671 Cadmium finish with polished taper and head.

Point size	E	G	H
Point diameter	3/16	1/4	5/16
Body diameter	1/2	1/2	5/8
Overall length	9	9	9
Weight per dozen	4 lbs.	4 lbs.	7 lbs.
Packed, dozen	1 doz.	1 doz.	1 1/2 doz.



SCREW DRIVER BITS

No. 45



The high grade steel blades are perfectly shaped and the points are uniform. Each Bit is tempered to withstand severe twisting strain and is brightly polished.

Packed one dozen of a size in a box.

Width of point	1/4	5/16	3/8	7/16	1/2	5/8"
Overall length	4	4 1/2	5	5	5 1/2	5 1/2"
Diameter of steel	1/4	5/16	3/8	3/8	3/8	7/16"
Weight per dozen	3/4	1	1 3/4	1 3/4	1 7/8	2 lbs.

Also packed in assortment of four 1/4"; four 5/16"; four 3/8".

Weight per assortment 1 1/4 lbs.

SQUARE NAIL SET

No. 50



Square Nail Set made of high grade tool steel properly hardened and tempered and will not curl up under hammer blows. Note the square shape which prevents rolling.

Weight 1 lb. per box.

Size of Steel	1/4	5/16	3/8"
Length	4	4 1/4	4 1/2"
Cupped point	5/64	7/64	1/8"
Weight per dozen	3/4	1 1/8	1 3/4 lbs.

Packed one dozen of a size in a box. Also in an assortment of four of each size in a box.



TIRE IRON

No. 361



Made of tough spring steel, tempered the entire length, and bright tumbled finished. Curved at one end to properly fit under tire casings and flattened straight on the other end.

Size 3/8" x 7/8" x 16".

Weight 16 lbs. per dozen. Packed six in a box.

PINCH BAR



Forged of high quality octagon steel and thoroughly tempered. The blade is carefully shaped and curved to fit under and into tight spaces. It will withstand great prying strain. This is an important tool for garage work and also is handy for opening boxes and all kinds of ripping.

Two finishes: No. 458 Natural finish; No. 460 Polished finish.

Diameter of steel	1/2"	5/8"
Length	12"	14"
Packed	6	6
Weight	7	13 lbs.

COTTER PIN TOOL

No. 60

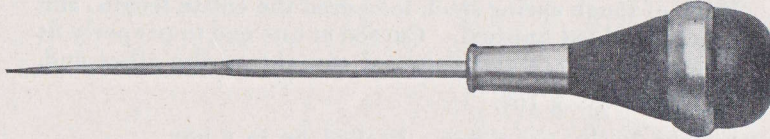


Made of high quality square steel. Natural finish. For pulling and spreading cotter pins. One end is curved and tapered for pulling cotter pins. The other end has a chisel point for spreading them.

Size 3/8" x 6". Packed one dozen to a box. Weight 2 lbs.



No. 600 ICE PICK



A superior, heavy duty Ice Pick to withstand hard and constant usage such as in hotels, hospitals, institutions, and in dining car service. Made of special tool steel with forged hexagon head. The rod is tempered and riveted through handle and ferrule. The weighted ring for cracking ice is forced on the handle and securely held in place by a pin which passes through the ring and handle.

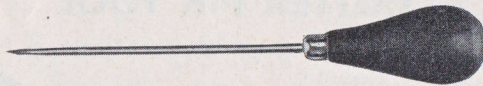
This Ice Pick is highly polished, has a fine point and a black rubberoid handle.

Length of blade $5\frac{1}{4}$ " ; overall length 9" ; diameter $7/32$ ".

Packed six to a box.

Weight per dozen $3\frac{1}{2}$ lbs.

No. 604 ICE PICK



Steel blade is carefully tempered and has a fine point. Brightly finished with a red stained handle and nickel plated ferrule.

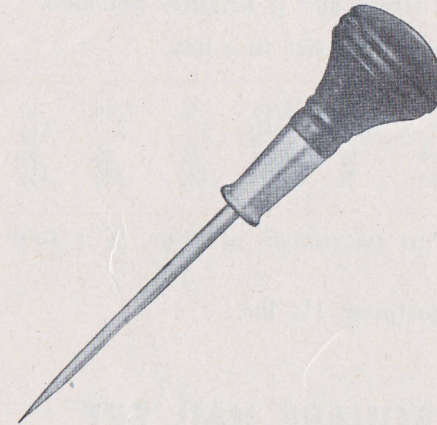
Blade 5" ; overall length 8" ; diameter of steel $5/32$ ".

Packed six to a box.

Weight $1\frac{1}{2}$ lbs. per dozen.

SCRATCH AWL

No. 800



Made of special tool steel. Rod extends through hard wood handle with heavy hexagon steel head at top of handle. The point is hammer forged and tempered to give lasting service. The handle is designed to meet the requirements of the tool. It is riveted.

Note this strong construction, a steel head to resist hammer blows; ferrule securely riveted to prevent loosening, and blade tempered to a strong point which will not break or bend . . . we recommend this tool as an excellent one for piercing sheet metal.

Size $3\frac{1}{2}$ " blade; overall length $6\frac{1}{2}$ " ; diameter of steel $1/4$ ".

Packed six to a box.

Weight 2 lbs. per dozen.

